

SS R02522

KHM Environmental Management, Inc

6284 San Ignacio Avenue, Suite E, San Jose, California 95119  
PH. (408) 224-4724 FAX (408) 224-4518

Alameda County  
JAN 09 2003  
Environmental Health

Date: December 30, 2002  
Project: C85-6750 Santa Rita

To: Ms. Donna Drogos  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6540

We have enclosed:

Copies	Description
<u>1</u>	<u>Report: <i>Underground Storage Tank, Product Piping, and Dispenser Removals</i> for the Shell Service Station, 6750 Santa Rita Road, Alameda, California .</u>

For your:    X    Use  
                          Approval  
                          Review  
                          Information

Comments: Per the request of Mr. Paul Smith, Livermore-Pleasanton Fire Department, I am sending you the above-noted report. Please call if you have any questions.

Sincerely,  
*Janet Yantis*  
Janet Yantis

*Ldodley@khm1.com*



ENVIRONMENTAL MANAGEMENT, INC.

Alameda County

JAN 09 2003

Environmental Health

December 19, 2002  
Project C85-6750 Santa Rita-JM

Mr. Paul Smith  
Livermore-Pleasanton Fire Department  
Hazardous Materials Division  
3560 Nevada Street  
Pleasanton, California 94566

**FILE**

**RE: Underground Storage Tank, Product Piping, and Dispenser Removals  
Report  
Shell Service Station  
6750 Santa Rita Road  
Pleasanton, California**

Dear Mr. Smith:

KHM Environmental Management, Inc. (KHM), on behalf of Shell Oil Products US (Shell), has prepared this report documenting soil sampling performed in association with the removal of four underground storage tanks (USTs), piping, and fuel dispensers at the above-referenced site (Figure 1).

Soil sampling in the UST tank pit, beneath the product lines, and beneath the dispensers was performed under the direction of Mr. Paul Smith, Hazardous Materials Inspector, Livermore-Pleasanton Fire Department, Hazardous Materials Division (LPPD).

## **BACKGROUND AND SITE DESCRIPTION**

### **LOCATION**

The subject site is located on the southeast corner of Santa Rita Road and Pimlico Drive in Pleasanton, California (Figure 2). The property is currently the site of an active Shell service station.

### **SITE DESCRIPTION**

The Shell service station has three 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, and ten separate fuel dispensers (Figure 2). A convenience store building is centrally

located on the property. The site is located in an area characterized as mixed commercial and residential.

In October 2002, four groundwater monitoring wells were installed on the site by KHM (Figure 2). The wells were installed as part of a groundwater assessment program (GRASP) initiated by Shell. The borings encountered primarily clay and clayey sand from the ground surface to a depth of approximately 45 feet, the total depth explored. Groundwater was encountered in borings at a depth of approximately 32 feet. The wells will be monitored on a quarterly basis.

## UST REMOVAL ACTIVITIES

### UST REMOVALS

The four USTs were removed by Paradiso Mechanical, Inc. (Paradiso) of San Leandro, California on November 6, 2002. The USTs had been cleaned, rinsed, and inerted, by Paradiso, with the approval of the LPPD, prior to KHM's arrival on site. Each UST was loaded onto a separate truck provided by Ecology Control Industries (ECI) and hauled to Richmond, California for disposal. Mr. Paul Smith of the LPPD and Janet Yantis of KHM examined each UST as they were hoisted out of the tank pit cavity and lowered onto each truck. A crack was observed on the underside of UST, T-3, which resulted from hoisting the UST out of the pit. No other visible holes were observed in any of the four USTs.

Water was encountered within the UST pit during excavation activities at a depth of approximately 12 to 13 feet below grade.

SWD@ 12-13"  
Bo

### UST SOIL SAMPLING AND ANALYSIS

On November 6, 2002, KHM collected eight soil samples (T-1DP, T-1DF, T-2P through T-4P, and T-2F through T-4F) from the UST tank pit, each at a depth of approximately 14 feet below grade at the locations shown on Figure 2. Soil samples were collected using the bucket of the excavator. A soil sample was collected by pushing a brass tube into the soil within the excavator bucket. The brass tube was then removed, sealed with Teflon sheeting and a tight fitting plastic cap, and clearly labeled. Samples were placed on ice for transportation to the laboratory.

samples submerged?

The soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), and fuel oxygenates (methyl-tert butyl ether [MTBE], diisopropyl ether [DIPE], ethyl-tert-butyl ether [ETBE], tert-amyl methyl ether [TAME], and tert-butanol [TBA]) by EPA Method 8260B. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A. Analytical results are summarized on Table 1.

MTBE was detected in all but one soil sample (T-2DF) collected from the UST pit excavation, at concentrations ranging from 0.6 milligrams per kilogram (mg/kg) to 2.5

mg/kg. TBA was detected in all but two soil samples, at concentrations ranging from 0.9 mg/kg to 6.1 mg/kg. No other fuel oxygenates were detected in any of the soil samples collected from beneath the UST pit.

TPH-G was not detected in any of the soil samples collected from beneath the former USTs. Benzene and toluene were only detected in soil sample, T-2F, at 0.016 mg/kg and 0.031 mg/kg, respectively. Toluene and xylenes were detected in soil sample, T-2DF, at 0.0065 mg/kg and 0.0050 mg/kg, respectively. With the exception of the noted samples, no other samples collected from beneath the UST excavation pit contained concentrations of TPH-G, BTEX compounds, DIPE, ETBE, or TAME.

## **DISPENSER AND PIPING REMOVAL ACTIVITIES**

### **DISPENSER SOIL SAMPLING AND ANALYSIS**

Ten fuel dispensers and concrete pads were removed by Paradiso exposing underlying soil. On November 15, 2002, KHM collected a soil sample from beneath each dispenser (Figure 2). The upper three to five feet of soil was excavated below the former dispenser locations and a sample collected by pushing a brass tube into the underlying soil. The brass tube was then removed, sealed with Teflon sheeting and a tight fitting plastic cap, and clearly labeled. Samples were placed on ice for transportation to the laboratory.

The soil samples were analyzed for TPH-D, TPH-G, BTEX compounds, and fuel oxygenates by EPA Method 8260B. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A. Analytical results are summarized on Table 1. Fuel oxygenates were not detected in any of the soil samples collected from beneath the ten fuel dispensers. TPH-D, TPH-G, and xylenes were detected in soil sample, D-2 at 5 feet, at 7.1 mg/kg, 10 mg/kg, and 0.52 mg/kg, respectively. TPH-D was also detected in soil sample, D-6 @ 4.5 feet, at 11 mg/kg. No other samples collected from beneath the fuel dispensers contained detectable concentrations of petroleum hydrocarbons.

### **PIPING TRENCH SOIL SAMPLING AND ANALYSIS**

The product piping connecting USTs to fuel dispensers was removed by Paradiso exposing the underlying soil. On December 15, 2002 KHM collected sixteen soil samples (P-1 through P-16) from the base of the piping trenches at the locations shown on Figure 2. The samples were collected by pushing a brass tube into the soil at the base of the trench. The brass tube was then removed, sealed with Teflon sheeting and a tight fitting plastic cap, and clearly labeled. Samples were placed on ice for transportation to the laboratory.

The soil samples were analyzed for TPH-D, TPH-G, BTEX compounds, and fuel oxygenates by EPA Method 8260B. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A. Analytical results are summarized on Table 1. MTBE was detected in one soil sample, P-6 @ 6.5 feet, at 0.9 mg/kg. TPH-D was detected in two soil samples, P-11 @ 5.5 feet and P-12 @ 5 feet, at 18 mg/kg and 1.8

mg/kg, respectively. Ethylbenzene and xylenes were detected in sample P-14 @ 3.5 feet, at 0.018 mg/kg and 0.055 mg/kg, respectively. No other samples collected from the product piping trenches contained detectable concentrations of petroleum hydrocarbons.

### **WATER SAMPLING AND ANALYSES**

On November 6, 2002, KHM collected two water samples (T-2P-W and TP-W) from the water that accumulated in the excavated UST pit. The water samples were decanted into 40 milliliter glass vials (VOAs) until each was completely filled and capped, making sure no head space accumulated in each of the VOAs. The samples were placed on ice for transportation to the laboratory.

The water samples were analyzed for TPH-D, TPH-G, BTEX compounds, and five fuel oxygenates by EPA Method 8260B. Chain of custody documentation and certified laboratory analytical report are included as Attachment A. Analytical results are summarized on Table 2.

The two water samples contained concentrations of TPH-D, TPH-G, BTEX compounds and MTBE, ranging from 81 micrograms per liter (ug/l) (xylenes) to 55,000 ug/l (TPH-D). TPH-G was detected up to 9,300 ug/l; benzene was detected up to 270 ug/l; and MTBE was detected up to 11,000 ug/l. TAME, DIPE, ETBE and TBA were not detected in either of the water samples collected from the UST excavation pit.

Approximately 17,000 gallons of water were pumped from the UST excavation into a 20,000-gallon Baker tank. The removed water was pumped from the Baker tank into a vacuum truck and transported to Shell's Martinez, California refinery for recycling.

### **CONCLUSIONS**

Analytical water data indicates that high concentrations of petroleum hydrocarbons, including MTBE, are present in the water trapped within the excavation of the former USTs. MTBE was detected up to 11,000 ug/l. Gasoline and diesel were detected up to 55,000 ug/l and 9,300 ug/l, respectively.

The site is underlain by clay. The depth to which petroleum hydrocarbons have penetrated site soils is uncertain. No evidence of soil impacts were found in borings for Wells MW-1 and MW-2, located adjacent to the USTs. Four monitoring wells were installed at the site in October 2002. The wells were developed and sampled in mid-December 2002. KHM expects analytical results in early January 2003. Based upon the results of groundwater monitoring, KHM/Shell will re-evaluate the need for additional monitoring and/or further investigation of the soil and groundwater beneath the site.

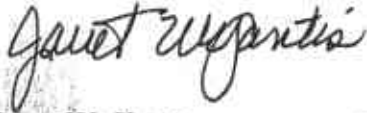
If you have any questions about the content of this report, please call.

December 20, 2002

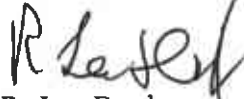
Page 5

Sincerely,

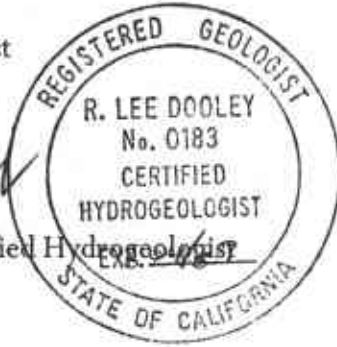
**KHM Environmental Management, Inc.**



Janet W. Yantis  
Project Geologist



R. Lee Dooley  
California Certified Hydrogeologist  
CHG 183



Attachments: Table 1 – Summary of Soil Analytical Data  
Table 2 – Summary of Water Analytical Data  
Figure 1 - Site Plan  
Attachment A - Certified Analytical Report and Chain-of-Custody Documentation

cc: Ms. Karen Petryna PE, Shell Oil Products US, P.O. Box 7869, Burbank, CA 91510-7869  
Mr. Jim Martin, Shell Oil Products US, 126 Pearlgrass Court, San Ramon, California 94583  
Mr. Chuck Headlee, California Regional Water Quality Control Board-San Francisco Bay Region,  
Mr. Lynn Walker, GRASP Northern California Manager, Shell Oil Products US, P.O. Box 7869, Burbank, CA 91510-7869

**Table 1**  
**Summary of Soil Analytical Data**  
Shell Service Station  
6750 Santa Rita Road  
Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TPH-D (mg/kg)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
<b>Tank Pit Samples</b>													
T-1DP	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.010	0.9	<0.5	<0.5	<0.5	1.0
T-1DF	11/6/2002	14	NA	<1.0	<0.005	0.0065	<0.005	0.0050	<0.5	<0.5	<0.5	<0.5	<0.5
T-2P	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	2.5	<0.5	<0.5	<0.5	6.1
T-2F	11/6/2002	14	NA	<1.0	0.016	0.031	<0.005	<0.005	1.0	<0.5	<0.5	<0.5	<0.5
T-3P	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	2.5	<0.5	<0.5	<0.5	4.6
T-3F	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	1.5	<0.5	<0.5	<0.5	1.7
T-4P	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	1.4	<0.5	<0.5	<0.5	3.0
T-4F	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	0.6	<0.5	<0.5	<0.5	0.9
<b>Dispenser Samples</b>													
D-1 @ 3'	11/15/200	3	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-2 @ 5'	11/15/200	5	7.1*	10	<0.005	<0.005	<0.005	0.52	<0.5	<0.5	<0.5	<0.5	<0.5
D-3 @ 4'	11/15/200	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-4 @ 4'	11/15/200	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-5 @ 5'	11/15/200	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-6 @ 4.5'	11/15/200	4.5	11	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-7 @ 4.5'	11/15/200	4.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-8 @ 3.5'	11/15/200	3.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-9 @ 3.5'	11/15/200	3.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
D-10 @ 4'	11/15/200	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
<b>Piping Trench Samples</b>													
P-1 @ 3'	11/15/2002	3	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-2 @ 3'	11/15/2002	3	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-3 @ 5'	11/15/2002	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-4 @ 4.5'	11/15/2002	4.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-5 @ 5.5'	11/15/2002	5.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-6 @ 6.5'	11/15/2002	6.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.010	0.9	<0.5	<0.5	<0.5	<0.5
P-7 @ 6.5'	11/15/2002	6.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-8 @ 7.5'	11/15/2002	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-9 @ 7'	11/15/2002	7	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-10 @ 5.5'	11/15/2002	5.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-11 @ 5.5'	11/15/2002	5.5	18	<1.0	<0.005	<0.005	<0.005	<0.010	<0.5	<0.5	<0.5	<0.5	<0.5
P-12 @ 5'	11/15/2002	5	1.8	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-13 @ 4'	11/15/2002	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Summary of Soil Analytical Data**  
 Shell Service Station  
 6750 Santa Rita Road  
 Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TPH-D (mg/kg)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
P-14 @ 3.5'	11/15/2002	3.5	<1.0	<1.0	<0.005	<0.005	0.018	0.055	<0.5	<0.5	<0.5	<0.5	<0.5
P-15 @ 5.5'	11/15/2002	5.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
P-16 @ 5'	11/15/2002	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5
RBSLs			NE	NE	0.045	2.5	2.6	1.0	0.028	NE	NE	NE	NE

**Notes:**

RBSL = Risk Based Screening Level components for soil set by the California Regional Water Quality Control Board

All analysis performed by EPA Method 8260B

mg/kg = milligrams per kilogram

TPH-D = Total petroleum hydrocarbons as diesel

TPH-G = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tert-butyl ether

DIPE = Diisopropyl ether

ETBE = Ethyl tert-butyl ether

TAME = Tert-amyl methyl ether

TBA = Tert-Butanol

NA = Not analyzed

ND = Not detected

NE = Not established

ND = Not detected

<sup>a</sup> = Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample D-2@5'.



**Table 2**  
**Summary of Water Analytical Data**  
 Shell Service Station  
 6750 Santa Rita Road  
 Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TPG-D (ug/l)	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethlybenzene (ug/l)	Xylene (ug/l)	MTBE (ug/l)	DIPE (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)
<b>Tank Pit Sample</b>													
T-2P-W	11/6/2002	14	55,000	7,300	210	1,100	81	900	11,000	NA	NA	NA	NA
TP-W	11/6/2002	14	840	9,300	270	1,800	130	1,100	8,000	NA	NA	NA	NA

All analysis performed by EPA Method 8260B

mg/kg = milligrams per kilogram

TPH-g = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tert-butyl ether

DIPE = Diisopropyl ether

ETBE = Ethyl tert-butyl ether

TAME = Tert-amyl methyl ether

TBA = Tert-Butanol

NA = Not analyzed

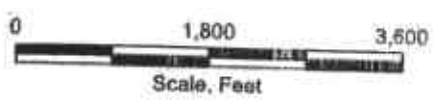
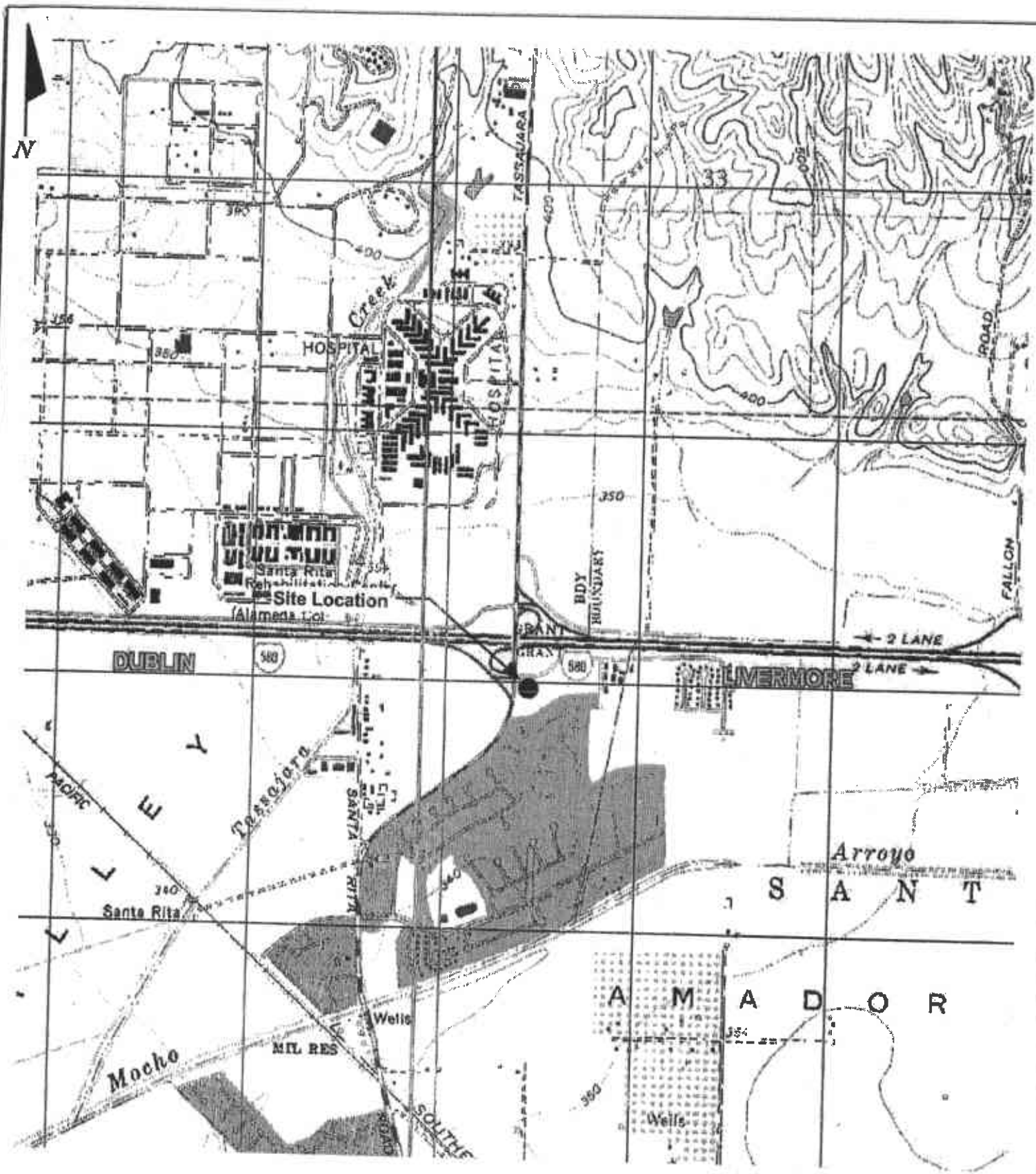
ND = Not detected

ND = Not detected

**ATTACHMENT A**

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**CERTIFIED ANALYTICAL REPORT AND  
CHAIN-OF-CUSTODY DOCUMENTATION**



**KHM**  
ENVIRONMENTAL  
MANAGEMENT,  
INC.

**SITE LOCATION MAP**

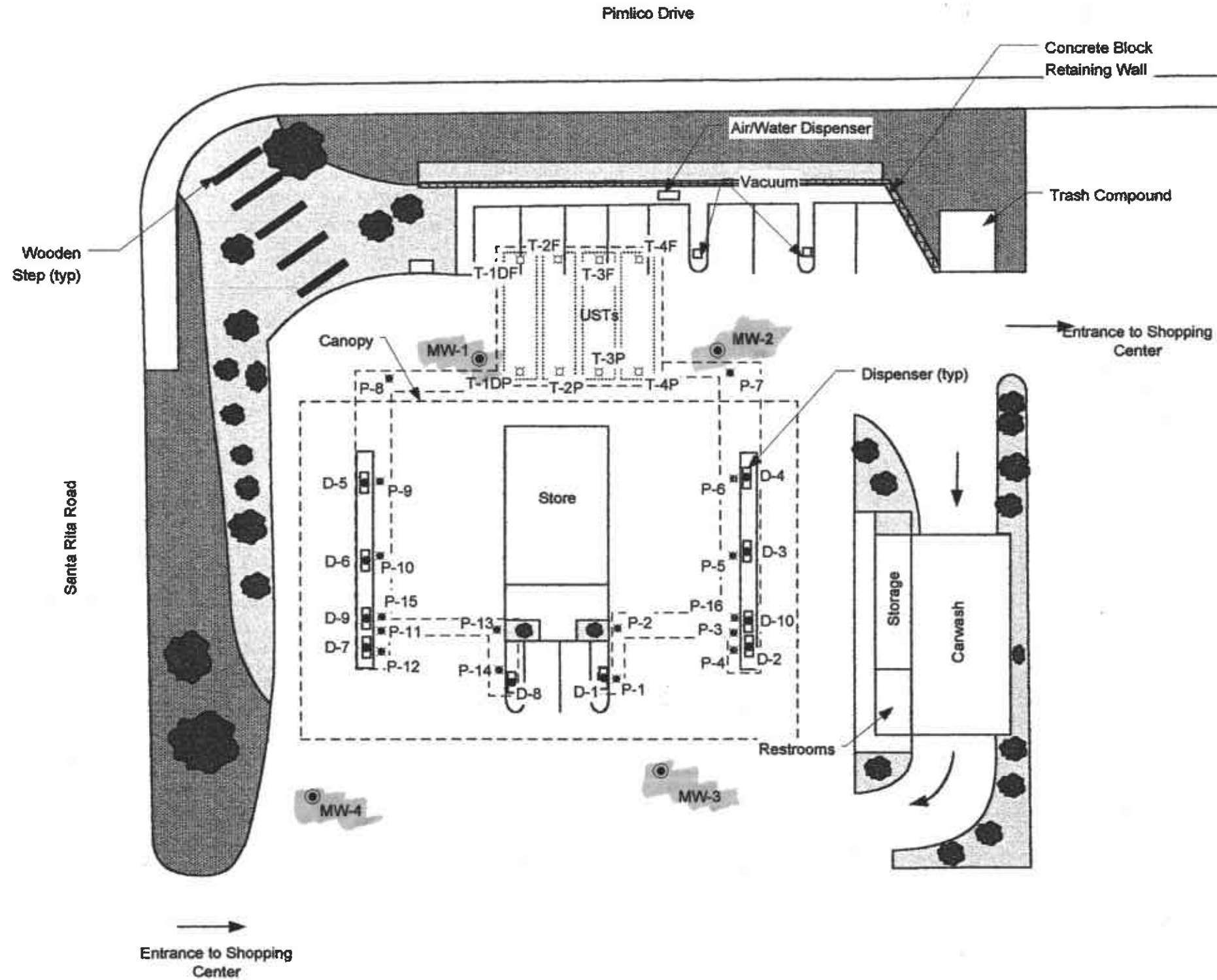
**Shell Service Station**  
6750 Santa Rita Road  
Pleasanton, California

DATE 11/25/02

PROJECT C81-6750 Santa Rita

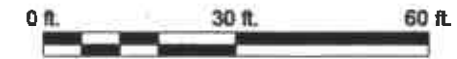
FIGURE 1

Map Source: DeLorme, Yarmouth, ME 04096, USGA Topo Map



**LEGEND**

- MW-1 ● **GROUNDWATER MONITORING WELL**
- T-2F ☒ **TANK PIT SOIL SAMPLE LOCATION AND DESIGNATION**
- P-12 ✕ **PRODUCT LINE SOIL SAMPLE LOCATION AND DESIGNATION**
- D-1 ● **DISPENSER SOIL SAMPLE LOCATION AND DESIGNATION**
- ☐ **PLANTER**
- **GRASS**
- **SHRUB**



<b>KHM</b> ENVIRONMENTAL MANAGEMENT, INC.	<b>SOIL SAMPLING LOCATION MAP</b>	
	<b>Shell-branded Service Station</b> 6750 Santa Rita Road Pleasanton, California	
DATE	PROJECT	FIGURE
12/18/02	C85-6750 Santa Rita - PP	2

**ATTACHMENT A**

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**CERTIFIED ANALYTICAL REPORT AND  
CHAIN-OF-CUSTODY DOCUMENTATION**

# KIFF ANALYTICAL LLC

Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-1DP

Matrix : Soil

Lab Number : 29691-01

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/18/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/18/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/18/2002
Total Xylenes	< 0.010	0.010	mg/Kg	EPA 8260B	11/18/2002
Methyl-t-butyl ether (MTBE)	0.9	0.5	mg/Kg	EPA 8260B	11/18/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/18/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/18/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/18/2002
Tert-Butanol	1.0	0.5	mg/Kg	EPA 8260B	11/18/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/18/2002
Toluene - d8 (Surr)	105				
4-Bromofluorobenzene (Surr)	98.3				
			% Recovery	EPA 8260B	11/18/2002
			% Recovery	EPA 8260B	11/18/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-1DF

Matrix : Soil

Lab Number : 29691-04

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Toluene	0.0065	0.005	mg/Kg	EPA 8260B	11/14/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Total Xylenes	0.0050	0.005	mg/Kg	EPA 8260B	11/14/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/14/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/14/2002
4-Bromofluorobenzene (Surr)	96.0		% Recovery	EPA 8260B	11/14/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-2P

Matrix : Soil

Lab Number : 29691-08

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Methyl-t-butyl ether (MTBE)	2.5	0.5	mg/Kg	EPA 8260B	11/17/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-Butanol	6.1	0.5	mg/Kg	EPA 8260B	11/14/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/14/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/14/2002
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	11/14/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800





Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-2F

Matrix : Soil

Lab Number : 29691-07

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.016	0.005	mg/Kg	EPA 8260B	11/14/2002
Toluene	0.031	0.005	mg/Kg	EPA 8260B	11/14/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Methyl-t-butyl ether (MTBE)	1.0	0.5	mg/Kg	EPA 8260B	11/16/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/14/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/14/2002
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	11/14/2002

Approved By:  Joel Kiff



Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-3P

Matrix : Soil

Lab Number : 29691-03

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Methyl-t-butyl ether (MTBE)	2.5	0.5	mg/Kg	EPA 8260B	11/16/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-Butanol	4.6	0.5	mg/Kg	EPA 8260B	11/14/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/14/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/14/2002
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	11/14/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-3F

Matrix : Soil

Lab Number : 29691-02

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/16/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/16/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/16/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/16/2002
Methyl-t-butyl ether (MTBE)	1.5	0.5	mg/Kg	EPA 8260B	11/16/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/16/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/16/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/16/2002
Tert-Butanol	1.7	0.5	mg/Kg	EPA 8260B	11/16/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/16/2002
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	11/16/2002
4-Bromofluorobenzene (Surr)	92.7		% Recovery	EPA 8260B	11/16/2002

Approved By:  Joel Kiff



Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-4P

Matrix : Soil

Lab Number : 29691-06

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Methyl-t-butyl ether (MTBE)	1.4	0.5	mg/Kg	EPA 8260B	11/16/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-Butanol	3.0	0.5	mg/Kg	EPA 8260B	11/14/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/14/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/14/2002
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	11/14/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4500



Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-18 Rancho

Sample : T-4F

Matrix : Soil

Lab Number : 29691-05

Sample Date : 11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/14/2002
Methyl-t-butyl ether (MTBE)	0.6	0.5	mg/Kg	EPA 8260B	11/14/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/14/2002
Tert-Butanol	0.9	0.5	mg/Kg	EPA 8260B	11/14/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/14/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/14/2002
4-Bromofluorobenzene (Surr)	97.7		% Recovery	EPA 8260B	11/14/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-1100

Report Number : 29691

Date : 11/18/2002

**QC Report : Method Blank Data**

Project Name : **6750 Santa Rita Road, Pleasanton, CA**

Project Number : **C85-18 Rancho**

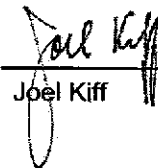
<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/11/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/11/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/11/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/11/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/11/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/11/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/11/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/11/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/11/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/11/2002
Toluene - d8 (Surr)	99.6		%	EPA 8260B	11/11/2002
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	11/11/2002

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
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KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



Report Number: 29691

Date: 11/18/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 6750 Santa Rita Road,

Project Number : C85-18 Rancho

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	29679-01	<0.0050	0.0397	0.0393	0.0380	0.0307	mg/Kg	EPA 8260B	11/11/02	95.8	78.2	20.2	70-130	25
Toluene	29679-01	<0.0050	0.0397	0.0393	0.0375	0.0304	mg/Kg	EPA 8260B	11/11/02	94.6	77.3	20.2	70-130	25
Tert-Butanol	29679-01	<0.0050	0.198	0.196	0.194	0.179	mg/Kg	EPA 8260B	11/11/02	97.5	91.2	6.74	70-130	25
Methyl-t-Butyl Ether	29679-01	<0.0050	0.0397	0.0393	0.0389	0.0403	mg/Kg	EPA 8260B	11/11/02	98.1	102	4.36	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



QC Report : Laboratory Control Sample (LCS)

Report Number : 29691

Date : 11/18/2002

Project Name : 6750 Santa Rita Road,

Project Number : C85-18 Rancho

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0405	mg/Kg	EPA 8260B	11/11/02	94.6	70-130
Toluene	0.0405	mg/Kg	EPA 8260B	11/11/02	93.4	70-130
Tert-Butanol	0.202	mg/Kg	EPA 8260B	11/11/02	99.9	70-130
Methyl-t-Butyl Ether	0.0405	mg/Kg	EPA 8260B	11/11/02	94.2	70-130

KIFF ANALYTICAL, LLC

Approved By:  Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



720 Olive Drive, Suite D  
Davis, CA 95616

(530) 297-4800 (530) 297-4803 fax

# EQUIVA Services LLC Chain Of Custody Record

Equiva Project Manager to be involved:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Jim Martin

29691

INCIDENT NUMBER (S&E ONLY)

1	3	5	7	8	6
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S&E or CRMT NUMBER (TS/CRMT)

GLOBAL ID NO.:

DATE: 11/11/02  
PAGE: 1 of 1

SAMPLING COMPANY:  
**KHM Environmental Mangement**

LOG CODE:  
**KHMS**

SITE ADDRESS (Street and City):  
**6750 Santa Rita Road, Pleasanton, CA**

ADDRESS:  
**6284 San Ignacio Ave., San Jose, CA 95119**

PROJECT CONTACT (Hardcopy or PDF Report to):  
**Janet Yantis**

TELEPHONE: (408) 224-4724  
FAX: (408) 224-4518  
EMAIL: jyantis@khm1.com

EDF DELIVERABLE TO (Responsible Party or Designee):  
**Vera Fischer**

PHONE NO.: (408) 224-4724  
EMAIL: vbrower@khm1.com

CONSULTANT PROJECT NO.:  
**C85-18 Rancho**

TURNAROUND TIME (BUSINESS DAYS):  
 10 DAYS  5 DAYS  72 HOURS  48 HOURS  24 HOURS  LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT  UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_

SPECIAL INSTRUCTIONS OR NOTES: \_\_\_\_\_  
CHECK BOX IF EDD IS NEEDED

### REQUESTED ANALYSIS

TPH - Gas, Purgeable	BTEX	MTBE (E021B - 5ppb RL)	MTBE (E2E0B - 0.5ppb RL)	Oxygenates (E) by (E2E0B)	Ethanol (E2E0B)	Methanol	EDB & 1,2-DCA (E2E0B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (E021B)	TPFH (41B.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	TPH - Diesel Extractable (E016m)	MTBE (E2E0B) Confirmation, See Note
X	X			X													
X	X			X													
X	X			X													
X	X			X													
X	X			X													
X	X			X													
X	X			X													
X	X			X													

FIELD NOTES:  
Container/Preservative or PID Readings or Laboratory Notes

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.
	DATE	TIME		
T-1DP	11/6/02	2:50	S	1
T-3F		2:45		
T-3P		2:35		
T-1DF		3:10		
T-4F		2:40		
T-4P		2:25		
T-2F		3:05		
T-2P		3:10		

TEMPERATURE ON RECEIPT °

-01  
-02  
-03  
-04  
-05  
-06  
-07  
-08

Received by: (Signature) *Janet Yantis*

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client

Received by: (Signature) *John Cutler / Kiff Analytical*

Date: 11/10/02  
Time: 1105

C&G Graphic (714) 898-8702



Report Number : 29878

Date : 11/26/2002

Janet Yantis  
KHM Environmental Management  
6284 San Ignacio Avenue, Suite E  
San Jose, CA

Subject : 26 Soil Samples  
Project Name : 6750 Santa Rita Road, Pleasanton, CA  
Project Number : C85-6750 Santa Rita  
P.O. Number : SAP# 135786

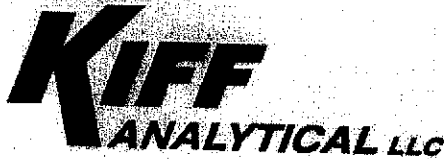
Dear Ms. Yantis,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

  
Joel Kiff



Report Number : 29878

Date : 11/26/2002

Subject : 26 Soil Samples  
Project Name : 6750 Santa Rita Road, Pleasanton, CA  
Project Number : C85-6750 Santa Rita  
P.O. Number : SAP# 135786

## Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample D-2@5'.

Approved By:  Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 916-297-4800



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-1@3'

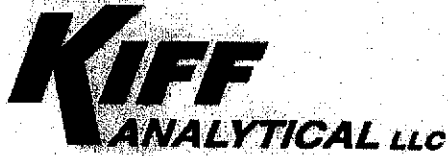
Matrix : Soil

Lab Number : 29878-01

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/25/2002
1-Chlorooctadecane (Diesel Surrogate)	93.2		% Recovery	M EPA 8015	11/25/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-2@5'

Matrix : Soil

Lab Number : 29878-02

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Ethylbenzene	0.026	0.005	mg/Kg	EPA 8260B	11/23/2002
Total Xylenes	0.52	0.010	mg/Kg	EPA 8260B	11/23/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Dilsopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
TPH as Gasoline	10	1.0	mg/Kg	EPA 8260B	11/23/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/23/2002
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	11/23/2002
TPH as Diesel	7.1	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	101		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-3@4'

Matrix : Soil

Lab Number : 29878-03

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/22/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/22/2002
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	11/22/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	101		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-4@4'

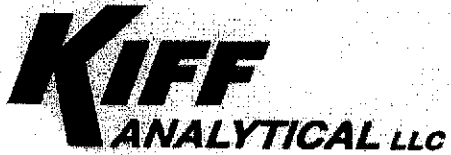
Matrix : Soil

Lab Number : 29878-04

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Dilsopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	96.1		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	98.7		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita


Sample : D-5@5'

Matrix : Soil

Lab Number : 29878-05

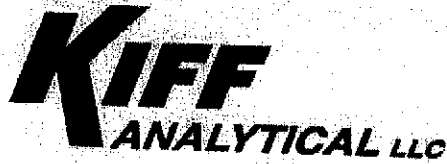
Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	95.8		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	95.9		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	101		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff

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Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-6@4.5'

Matrix : Soil

Lab Number : 29878-06

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	11	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	102		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff

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Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-7@4.5'

Matrix : Soil

Lab Number : 29878-07

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	112		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-8@3.5'

Matrix : Soil

Lab Number : 29878-08

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Dilsopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/22/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/22/2002
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	11/22/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	93.3		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-9@3.5'

Matrix : Soil

Lab Number : 29878-23

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Dilsopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/23/2002
1-Chlorooctadecane (Diesel Surrogate)	121		% Recovery	M EPA 8015	11/23/2002

Approved By:  Joel Kiff

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Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : D-10@4'

Matrix : Soil

Lab Number : 29878-24

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	99.0		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/23/2002
1-Chlorooctadecane (Diesel Surrogate)	109		% Recovery	M EPA 8015	11/23/2002

Approved By:  Joel Kiff

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Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-1@3'

Matrix : Soil

Lab Number : 29878-09

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	1.1	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	102		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-2@3'

Matrix : Soil

Lab Number : 29878-10

Sample Date :11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	117		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-3@5'

Matrix : Soil

Lab Number : 29878-11

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/25/2002
1-Chlorooctadecane (Diesel Surrogate)	98.1		% Recovery	M EPA 8015	11/25/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800





Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-4@4.5'

Matrix : Soil

Lab Number : 29878-12

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/22/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/22/2002
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	11/22/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/25/2002
1-Chlorooctadecane (Diesel Surrogate)	95.4		% Recovery	M EPA 8015	11/25/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-5@5.5'

Matrix : Soil

Lab Number : 29878-13

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	91.2		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	99.6		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/25/2002
1-Chlorooctadecane (Diesel Surrogate)	96.7		% Recovery	M EPA 8015	11/25/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-6@6.5'

Matrix : Soil

Lab Number : 29878-14

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/22/2002
Total Xylenes	< 0.010	0.010	mg/Kg	EPA 8260B	11/22/2002
Methyl-t-butyl ether (MTBE)	0.9	0.5	mg/Kg	EPA 8260B	11/22/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/22/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/22/2002
Toluene - d8 (Surr)	112		% Recovery	EPA 8260B	11/22/2002
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	11/22/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/25/2002
1-Chlorooctadecane (Diesel Surrogate)	94.9		% Recovery	M EPA 8015	11/25/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-7@6.5'

Matrix : Soil

Lab Number : 29878-15

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	96.9		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	100		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-8@7.5'

Matrix : Soil

Lab Number : 29878-16

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	111		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-9@7'

Matrix : Soil

Lab Number : 29878-17

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	95.9		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	99.6		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	95.2		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-10@5.5'

Matrix : Soil

Lab Number : 29878-18

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	94.6		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-11@5.5'

Matrix : Soil

Lab Number : 29878-19

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Total Xylenes	< 0.010	0.010	mg/Kg	EPA 8260B	11/23/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/23/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/23/2002
4-Bromofluorobenzene (Surr)	95.1		% Recovery	EPA 8260B	11/23/2002
TPH as Diesel	18	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	106		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff





Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-12@5'

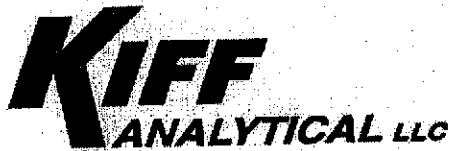
Matrix : Soil

Lab Number : 29878-20

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	1.8	1.0	mg/Kg	M EPA 8015	11/26/2002
1-Chlorooctadecane (Diesel Surrogate)	115		% Recovery	M EPA 8015	11/26/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-13@4'

Matrix : Soil

Lab Number : 29878-21

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	93.5		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/23/2002
1-Chlorooctadecane (Diesel Surrogate)	119		% Recovery	M EPA 8015	11/23/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-14@3.5'

Matrix : Soil

Lab Number : 29878-22

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	0.018	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	0.055	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Dilsopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	11/21/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/23/2002
1-Chlorooctadecane (Diesel Surrogate)	120		% Recovery	M EPA 8015	11/23/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-15@5.5'

Matrix : Soil

Lab Number : 29878-25

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/2002
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/20/2002
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	11/20/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/23/2002
1-Chlorooctadecane (Diesel Surrogate)	114		% Recovery	M EPA 8015	11/23/2002

Approved By:  Joel Kiff



Report Number : 29878

Date : 11/26/2002

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Sample : P-16@5'

Matrix : Soil

Lab Number : 29878-26

Sample Date : 11/15/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Dilsopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/2002
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	11/20/2002
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	11/20/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/23/2002
1-Chlorooctadecane (Diesel Surrogate)	120		% Recovery	M EPA 8015	11/23/2002

Approved By:  Joel Kiff

Report Number: 29878

Date: 11/26/2002

QC Report : Method Blank Data

Project Name : 6750 Santa Rita Road, Pleasanton, CA

Project Number : C85-6750 Santa Rita

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/22/2002
1-Chlorooctadecane (Diesel Surrogate)	96.6		%	M EPA 8015	11/22/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/25/2002
1-Chlorooctadecane (Diesel Surrogate)	97.6		%	M EPA 8015	11/25/2002
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/2002
Toluene - d8 (Surr)	102		%	EPA 8260B	11/21/2002
4-Bromofluorobenzene (Surr)	98.3		%	EPA 8260B	11/21/2002
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/23/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/23/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/23/2002
Toluene - d8 (Surr)	102		%	EPA 8260B	11/23/2002
4-Bromofluorobenzene (Surr)	98.1		%	EPA 8260B	11/23/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 29878

Date : 11/26/2002

**QC Report : Matrix Spike/ Matrix Spike Duplicate**

Project Name : **6750 Santa Rita Road,**

Project Number : **C85-6750 Santa Rita**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	29878-01	<0.0050	0.0394	0.0398	0.0376	0.0375	mg/Kg	EPA 8260B	11/23/02	95.4	94.2	1.26	70-130	25
Toluene	29878-01	<0.0050	0.0394	0.0398	0.0357	0.0360	mg/Kg	EPA 8260B	11/23/02	90.7	90.5	0.221	70-130	25
Tert-Butanol	29878-01	<0.0050	0.197	0.199	0.182	0.184	mg/Kg	EPA 8260B	11/23/02	92.8	92.7	0.0809	70-130	25
Methyl-t-Butyl Ether	29878-01	<0.0050	0.0394	0.0398	0.0336	0.0344	mg/Kg	EPA 8260B	11/23/02	85.2	86.5	1.43	70-130	25
TPH as Diesel	29871-03	<1.0	20.0	20.0	20.2	19.3	mg/Kg	M EPA 8015	11/23/02	101	96.4	4.92	60-140	25
TPH as Diesel	29878-11	<1.0	20.0	20.0	20.5	20.3	mg/Kg	M EPA 8015	11/25/02	102	102	0.819	60-140	25
Benzene	29877-02	<0.0050	0.0399	0.0397	0.0372	0.0364	mg/Kg	EPA 8260B	11/21/02	93.2	91.7	1.60	70-130	25
Toluene	29877-02	<0.0050	0.0399	0.0397	0.0376	0.0352	mg/Kg	EPA 8260B	11/21/02	94.2	88.8	5.93	70-130	25
Tert-Butanol	29877-02	<0.0050	0.200	0.198	0.187	0.189	mg/Kg	EPA 8260B	11/21/02	93.7	95.2	1.54	70-130	25
Methyl-t-Butyl Ether	29877-02	<0.0050	0.0399	0.0397	0.0427	0.0420	mg/Kg	EPA 8260B	11/21/02	107	106	0.986	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 29878

Date : 11/26/2002

**QC Report : Laboratory Control Sample (LCS)**

Project Name : **6750 Santa Rita Road,**

Project Number : **C85-6750 Santa Rita**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0399	mg/Kg	EPA 8260B	11/21/02	99.0	70-130
Toluene	0.0399	mg/Kg	EPA 8260B	11/21/02	97.3	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	11/21/02	93.0	70-130
Methyl-t-Butyl Ether	0.0399	mg/Kg	EPA 8260B	11/21/02	88.5	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	11/22/02	87.6	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	11/25/02	95.9	70-130
Benzene	0.0393	mg/Kg	EPA 8260B	11/21/02	95.7	70-130
Toluene	0.0393	mg/Kg	EPA 8260B	11/21/02	98.2	70-130
Tert-Butanol	0.196	mg/Kg	EPA 8260B	11/21/02	90.6	70-130
Methyl-t-Butyl Ether	0.0393	mg/Kg	EPA 8260B	11/21/02	109	70-130

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



KIFF ANALYTICAL

720 Olive Drive, Suite D  
Davis, CA 95616

(530) 297-4800 (530) 297-4803 fax

# EQUIVA Services LLC Chain Of Custody Record

Equiva Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- ENVIRONMENTAL

Jim Martin

29878

INCIDENT NUMBER (S&E ONLY)

S&E or CRMT NUMBER (S&E/CRMT)

1 3 5 7 8 6

DATE: 11/18/02

PAGE: 1 of 3

**SAMPLING COMPANY:**  
KHM Environmental Mangement

**LOG CODE:**  
KHMS

**ADDRESS:**  
6284 San Ignacio Ave., San Jose, CA 95119

**PROJECT CONTACT (Hardcopy or PDF Report to):**  
Janet Yantis

**TELEPHONE:** (408) 224-4724  
**FAC:** (408) 224-4518  
**E-MAIL:** jyantis@khm1.com

**TURNAROUND TIME (BUSINESS DAYS):**  
 10 DAYS  5 DAYS  72 HOURS  48 HOURS  LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT  UST AGENCY:

**GC/MS MTBE CONFIRMATION:** HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_

**SPECIAL INSTRUCTIONS OR NOTES:** CHECK BOX IF EDD IS NEEDED

**SITE ADDRESS (Street and City):**  
6750 Santa Rita Road, Pleasanton, CA

**EDF DELIVERABLE TO (Responsible Party or Department):**  
Vera Fischer

**PHONE NO.:** (408) 224-4724

**SAMPLER NAME(S) (Print):** Garrett Haertel

**GLOBAL ID NO.:**

**CONSULTANT PROJECT NO.:** C85-6750 Santa Rita

**REQUESTED ANALYSIS**

TPH - Gas, Purgeable	BTEX	MTBE (8021B - 8ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (S) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 8035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (70-15)	Vapor VOCs Full List (70-15)	Vapor TPH (ASTM 9416m)	Vapor Fixed Gases (ASTM D1046)	Test for Disposal (48-)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	

**FIELD NOTES:**  
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT °C

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.
	DATE	TIME		
D-1 @ 3'	11/15/02	1120	S	1
D-2 @ 5'		1135		
D-3 @ 4'		1205		
D-4 @ 4'		1215		
D-5 @ 5'		1315		
D-6 @ 4.5'		1330		
D-7 @ 4.5'		1410		
D-8 @ 3.5'		1445		
P-1 @ 3'		1125		
P-2 @ 3'		1130		

Received by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: (Signature) *John Curtis / Kiff Analytical* Date: 11/19/02 Time: 1124

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10/16/00 Revision

C&C Graphic (714) 898-8702

KIFF ANALYTICAL

# EQUIVA Services LLC Chain Of Custody Record

720 Olive Drive, Suite D

Davis, CA 95616

(530) 297-4800 (530) 297-4803 fax

Equiva Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Jim Martin

29878

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (CS/CRMT)

1 3 5 7 8 6

DATE: 11/18/02

PAGE: 2 of 3

**SAMPLING COMPANY:** KHM Environmental Mangement  
**LOG CODE:** KHMS  
**ADDRESS:** 6284 San Ignacio Ave., San Jose, CA 95119  
**PROJECT CONTACT (Hardcopy or PDF Report to):** Janet Yantis  
**TELEPHONE:** (408) 224-4724 **FAX:** (408) 224-4518 **E-MAIL:** jyantis@khm1.com  
**TURNAROUND TIME (BUSINESS DAYS):**  5 DAYS  10 DAYS  72 HOURS  48 HOURS  LESS THAN 24 HOURS  
 LA - RWQCB REPORT FORMAT  UST AGENCY:  
**GC/MS MTBE CONFIRMATION:** HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_  
**SPECIAL INSTRUCTIONS OR NOTES:** CHECK BOX IF EDD IS NEEDED

**SITE ADDRESS (Street and City):** 6750 Santa Rita Road, Pleasanton, CA

**EDF DELIVERABLE TO (Responsible Party or Designee):** Vera Fischer  
**PHONE NO.:** (408) 224-4724

**GLOBAL ID NO.:**  
**E-MAIL:** vbrower@khm1.com  
**CONSULTANT PROJECT NO.:** C85-6750 Santa Rita

**SAMPLER NAME(S) (Print):** Garrett Haertel

**REQUESTED ANALYSIS**

TPH - Gas, Purgeable	BTEX	MTBE (8021B - 8ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (8) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 8035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (10-15)	Vapor VOCs Full List (10-15)	Vapor TPH (ASTM 8416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	
X	X			X												X	

**FIELD NOTES:**  
 Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT °C

Field Sample Identification	SAMPLING		MTRK	NO. OF CONT.
	DATE	TIME		
P-3 @ 5'	11/5/02	1135	S	1
P-4 @ 4.5'		1200		1
P-5 @ 5.5'		1210		
P-6 @ 6.5'		1225		
P-7 @ 6.5'		1250		
P-8 @ 7.5'		1307		
P-9 @ 7'		1320		
P-10 @ 5.5'		1335		
P-11 @ 5.5'		1350		
P-12 @ 5'		1352		

Received by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: (Signature) *John C. Kiff Analytical* Date: 11/19/02 Time: 1124

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CAG Graphics (714) 988-9702

10/16/00 Revision

KIFF ANALYTICAL

# EQUIVA Services LLC Chain Of Custody Record

720 Olive Drive, Suite D  
 Davis, CA 95616  
 (530) 297-4800 (530) 297-4803 fax

Equiva Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Jim Martin

29878

INCIDENT NUMBER (SEE ONLY)

SAP or CRMT NUMBER (TS/CRMT)

1 3 5 7 8 6

DATE: 11/18/02

PAGE: 3 of 3

SAMPLING COMPANY: **KHM Environmental Mangement**  
 LOG CODE: **KHMS**

SITE ADDRESS (Street and City):  
**6750 Santa Rita Road, Pleasanton, CA**

GLOBAL ID NO.:

ADDRESS:  
**6284 San Ignacio Ave., San Jose, CA 95119**

EDF DELIVERABLE TO (Responsible Party or Destination):

PHONE NO.:

E-MAIL:

CONSULTANT PROJECT NO.:

PROJECT CONTACT (Hardcopy or PDF Report to):  
**Janet Yantis**

**Vera Fischer**

**(408) 224-4724**

**vbrower@khm1.com**

**C85-6750 Santa Rita**

TELEPHONE: **(408) 224-4724**  
 FAX: **(408) 224-4518**  
 E-MAIL: **jyantis@khm1.com**

SAMPLER NAME (S) (Print): **Garrett Haertel**

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):  
 10 DAYS  5 DAYS  72 HOURS  48 HOURS  **24 HOURS**  LESS THAN 24 HOURS

### REQUESTED ANALYSIS

IA - RWQCB REPORT FORMAT  UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_

SPECIAL INSTRUCTIONS OR NOTES: \_\_\_\_\_ CHECK BOX IF EDD IS NEEDED

LAB USE ONLY	Field Sample Identification				REQUESTED ANALYSIS														TEMPERATURE ON RECEIPT °C						
	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (9021B - 9ppb RL)	MTBE (9260B - 0.9ppb RL)	Oxygenates (5) by (9260B)	Ethanol (9260B)	Methanol	EDB & 1,2-DCA (9260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (9021B)	TRPH (416-1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 9416m)		Vapor Fixed Gases (ASTM D1904)	Test for Disposal (48-)	TPH - Diesel, Extractable (9015m)	MTBE (9260B) Confirmation, See Note		
	P-13 @ 4'	11/18/02	1420	S	1	X	X		X															-21	
	P-14 @ 3.5'		1430			X	X		X																-22
	D-9 @ 3.5'		1510			X	X		X																-23
	D-10 @ 4'		1525			X	X		X																-24
	P-15 @ 5.5'		1515			X	X		X																-25
	P-16 @ 5'		1520			X	X		X																-26

### FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

Received by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Requisitioned by: (Signature) *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Requisitioned by: (Signature) *John Curtis Kiff Analytical* Date: 11/19/02 Time: 1124

DISTRIBUTION: Write with final report, Green to File, Yellow and Pink to Client.

10/16/00 Revision

C&G Graphic (714) 895-9702



Report Number : 29658

Date : 11/11/2002

Janet Yantis  
KHM Environmental Management  
6284 San Ignacio Avenue, Suite E  
San Jose, CA

Subject : 2 Water Samples  
Project Name : 6750 Santa Rita Rd., Pleasanton  
Project Number : C85-6750 Santa Rita-  
P.O. Number : SAP# 135786

Dear Ms. Yantis,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink that reads "Joel Kiff". The signature is written in a cursive style with a large, looped "J" and "K".

Joel Kiff



Report Number : 29658

Date : 11/11/2002

Project Name : 6750 Santa Rita Rd., Pleasanton

Project Number : C85-6750 Santa Rita-

Sample : T-2P-W

Matrix : Water

Lab Number : 29658-01

Sample Date :11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	210	20	ug/L	EPA 8260B	11/10/2002
Toluene	1100	20	ug/L	EPA 8260B	11/10/2002
Ethylbenzene	81	20	ug/L	EPA 8260B	11/10/2002
Total Xylenes	900	20	ug/L	EPA 8260B	11/10/2002
Methyl-t-butyl ether (MTBE)	11000	200	ug/L	EPA 8260B	11/10/2002
TPH as Gasoline	7300	2000	ug/L	EPA 8260B	11/10/2002
Toluene - d8 (Surr)	93.1		% Recovery	EPA 8260B	11/10/2002
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	11/10/2002
TPH as Diesel	55000	500	ug/L	M EPA 8015	11/11/2002

Sample : TP-W

Matrix : Water

Lab Number : 29658-02

Sample Date :11/6/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	270	20	ug/L	EPA 8260B	11/10/2002
Toluene	1800	20	ug/L	EPA 8260B	11/10/2002
Ethylbenzene	130	20	ug/L	EPA 8260B	11/10/2002
Total Xylenes	1100	20	ug/L	EPA 8260B	11/10/2002
Methyl-t-butyl ether (MTBE)	8000	250	ug/L	EPA 8260B	11/11/2002
TPH as Gasoline	9300	2000	ug/L	EPA 8260B	11/10/2002
Toluene - d8 (Surr)	92.7		% Recovery	EPA 8260B	11/10/2002
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	11/10/2002
TPH as Diesel	840	50	ug/L	M EPA 8015	11/10/2002

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number: 29658

Date: 11/11/2002

**QC Report : Method Blank Data**

Project Name : **6750 Santa Rita Rd., Pleasanton**

Project Number : **C85-6750 Santa Rita-**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 50	50	ug/L	M EPA 8015	11/10/2002
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/9/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/9/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/9/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/9/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	11/9/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/9/2002
Toluene - d8 (Surr)	104		%	EPA 8260B	11/9/2002
4-Bromofluorobenzene (Surr)	96.5		%	EPA 8260B	11/9/2002

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
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KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



Report Number : 29658

Date : 11/11/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 6750 Santa Rita Rd.,

Project Number : C85-6750 Santa Rita-

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	911	971	ug/L	M EPA 8015	11/10/02	91.1	97.1	6.34	70-130	25
Benzene	29587-03	2.5	98.5	98.5	94.8	98.6	ug/L	EPA 8260B	11/9/02	93.6	97.5	4.08	70-130	25
Toluene	29587-03	<0.50	98.5	98.5	92.0	95.1	ug/L	EPA 8260B	11/9/02	93.4	96.5	3.32	70-130	25
Tert-Butanol	29587-03	5.8	493	493	517	506	ug/L	EPA 8260B	11/9/02	104	102	2.15	70-130	25
Methyl-t-Butyl Ether	29587-03	<0.50	98.5	98.5	76.7	79.4	ug/L	EPA 8260B	11/9/02	77.8	80.6	3.47	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number: 29658

Date: 11/11/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : 6750 Santa Rita Rd.,

Project Number : C85-6750 Santa Rita-

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	11/9/02	105	70-130
Toluene	40.0	ug/L	EPA 8260B	11/9/02	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/9/02	88.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/9/02	96.6	70-130

KIFF ANALYTICAL, LLC

Approved By:  Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



